What is claimed is :

1. An electric double layer capacitor having electrodes which include activated carbon particles and a binder binding said activated carbon particles,

wherein a density of said electrodes is in the range of 1.4 g/cm3 to 1.8 g/cm3.

2. The electric double layer capacitor as claimed in claim 1, wherein a specific resistance of said electrodes is in the range of 2.0Ω cm to 7.0Ω cm.

3. The electric double layer capacitor as claimed in claim 1, wherein an averaged diameter of said activated carbon particles is in the range of 5 micrometers to 13 micrometers, and a particle size distribution thereof is in the range of 2 micrometers to 20 micrometers.

4. The electric double layer capacitor as claimed in claim 1, wherein said binder contains a fluoro-containing polymer.

5. The electric double layer capacitor as claimed in claim 1, wherein said binder contains polyvinylidene fluoride.

6. An electric double layer capacitor comprising :

a separator ;

a pair of electrodes separated by said separator, and said electrodes including activated carbon particles and a binder binding said activated carbon particles ; and

a pair of collectors separated by said pair of electrodes,

wherein a density of said electrodes is in the range of 1.4 g/cm3 to 1.8 g/cm3.

7. The electric double layer capacitor as claimed in claim 6, wherein a specific resistance of said electrodes is in the range of 2.0Ωcm to 7.0Ωcm.

8. The electric double layer capacitor as claimed in claim 6, wherein an averaged diameter of said activated carbon particles is in the range of 5 micrometers to 13 micrometers, and a particle size distribution thereof is in the range of 2 micrometers to 20 micrometers.

9. The electric double layer capacitor as claimed in claim 6, wherein said binder contains a fluoro-containing polymer.

10. The electric double layer capacitor as claimed in claim 6, wherein said binder contains polyvinylidene fluoride.

11. An electrode including :

activated carbon particles ; and

a binder binding said activated carbon particles,

wherein a density of said electrodes is in the range of 1.4 g/cm3 to 1.8 g/cm3.

12. The electrode layer capacitor as claimed in claim 11, wherein a specific resistance of said electrodes is in the range of 2.0 Ω cm to 7.0 Ω cm.

13. The electrode as claimed in claim 11, wherein an averaged diameter of said activated carbon particles is in the range of 5 micrometers to 13 micrometers, and a particle size distribution thereof is in the range of 2 micrometers to 20 micrometers.

14. The electrode as claimed in claim 11, wherein said binder contains a fluoro-containing polymer.

15. The electrode as claimed in claim 11, wherein said binder contains polyvinylidene fluoride.